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Did you mean: (video or audio) and application and "operating system" and *integration* and separat

Horus: A flexible group communication system- psu.edu [PDF]
R Van Renesse, KP Birman, S Maffeis, 1996 - portal.acm.org
... To validate our approach, we ported a sophisticated Tcl/Tk **application** to Horus. ...
Tk extension that provides objects that read or output **audio** and **video** data ...
Cited by 770 - Related articles - BL Direct - All 36 versions

[PDF] Processor capacity reserves: **Operating system** support for multimedia **applications**
CW Mercer, S Savage, H Tokuda - Proceedings of the IEEE International Conference on ..., 1994 - Citeseer
... digital **audio** and **video** typically includes ... For example, an **audio application**
mightbescheduled every 50 ... Activity may invoke **separate operating system** servers to ...
Cited by 366 - Related articles - View as HTML - All 47 versions

A survey of QoS architectures- psu.edu [PDF]
C Aurrecoechea, AT Campbell, L Hauw - Multimedia systems, 1998 - Springer
... is in terms of JPEG, MPEG-I, MPEG-II **video** and CD **audio** quality flows with QoS
guarantees. ... of resources appropri- ate to meet **application** requirements and ...
Cited by 500 - Related articles - BL Direct - All 32 versions

Kernel support for live digital **audio** and **video**.- psu.edu [PDF]
K Jaffay, DL Stone, FD Smith - COMP. COMMUN., 1992 - Springer
... With regard to the conferencing **application** itself, of particular interest is the
separation of **audio** and **video** into independent network packets. ...
Cited by 95 - Related articles - All 11 versions

Integrated processor scheduling for multimedia- psu.edu [PDF]
J Nieh, MS Lam - Lecture Notes in Computer Science, 1995 - Springer
... Unacceptable for Multimedia **Applications**, Proceedings of the Fourth International ...
and Operating Systems Support for Digital **Audio** and **Video**, November 1993. ...
Cited by 45 - Related articles - BL Direct - All 22 versions

Proportional share scheduling of **operating system** services for real-time **applications**- psu.edu [PDF]
K Jeffay, FD Smith, A Moorthy, J Anderson - Proceedings of the 19th IEEE Real-Time Systems ..., 1998 - doi.
ieeecomputersociety.org
... in showing the utility of **integrated** protocol and ... guarantees of adherence to
application-defined timing ... 4.2 PS Scheduling of **Operating System** Activities in ...
Cited by 89 - Related articles - All 29 versions

[PDF] **Integrated** quality of service for multimedia communications
A Campbell, G Coulson, F Garcia, D ... - IEEE INFOCOM, 1993 - Citeseer
... services which are of use to continuous media **applications**: primarily rate ... An example
of such synchronisation is lip-sync between **audio** and **video** channels. ...
Cited by 144 - Related articles - View as HTML - BL Direct - All 7 versions

Pegasus—**operating system** support for distributed multimedia systems- psu.edu [PDF]
IM Leslie, D McAuley, SJ Mullender - ACM SIGOPS Operating Systems Review, 1993 - portal.acm.org
... For example, in the case of a **video** phone **application**, although regular computation
is still necessary for the **audio** stream, it is easy to reduce ...
Cited by 45 - Related articles - BL Direct - All 9 versions

Information system **integration**- psu.edu [PDF]
W Hasselbring, 2000 - portal.acm.org
... Preexisting **applications** (legacy systems) must still be able to use ... comprising different
media components such as text, **video**, image, or **audio** (for example ...
Cited by 232 - Related articles - All 21 versions

pChoices: An Object-Oriented Multimedia **Operating System**
RH Campbell, SM Tan - Urbana - doi.ieeecomputersociety.org
... three features in PChoPces allow it to support **video** and **audio** data streams in ... SPIN:
An extensible micro- kernel for **application**-specific **operating system** ...
Cited by 45 - Related articles - All 4 versions

Horus: A flexible group communication system- kfupm.edu.sa [PDF]
RV Renesse, KP Birman, SM Eis - Communications of the ACM, 1996 - eprints.kfupm.edu.sa
... To prove our approach, we ported a sophisticated Tcl/TK **application** to Horus ...
Tcl/TK extension that provides objects that read or output **audio** and **video** data ...
Cited by 140 - Related articles - View as HTML

Viper: A multiprocessor SOC for advanced set-top box and digital TV systems- psu.edu [PDF]
S Dutta, R Jensen, A Rieckmann - IEEE Design & Test of Computers, 2001 - doi.ieeecomputersociety.org
... and user mode, the different **video**-processing blocks ... Despite running all the **audio**
decoding and processing ... of it, the service provider's software **application**. ...
Cited by 143 - Related articles - BL Direct - All 9 versions

[PDF] **Integrated** CPU and network-I/O QoS management in an endsystem
K Lakshman, R Yavatkar, R Finkel - Computer Communications, 1998 - Citeseer
... **integrated** resource management mechanisms that can handle such inter-dependencies ...
traditional hard-realtime **applications**, **video** or **audio** applications can gen ...
Cited by 61 - Related articles - View as HTML - All 9 versions

[PDF] ... and implementation of an **operating system** to support distributed multimedia **applications**
IM Leslie, D McAuley, R Black, T Roscoe, P ... - IEEE Journal on Selected Areas in Communications, 1996 - Citeseer
... text, images, **audio** and **video** with equal status: interpreting an **audio** or **video**
stream should ... and networking is performed in the context of the **application**. ...
Cited by 349 - Related articles - View as HTML - BL Direct - All 20 versions

Operating system issues for continuous media- psu.edu [PDF]

H Schulzrinne - Multimedia Systems, 1996 - Springer

... delay constraints are im- posed by bidirectional **audio**. ... ample, a **video**-on-demand
playback **application** should be ... only approach simply connects analog **video** to a ...

Multimedia systems: An overview- fau.edu [PDF]

B Furht - IEEE Multimedia, 1994 - doi.ieeecomputersociety.org

... therefore is not flexible enough to handle the different types of traffic typical
in multimedia **applications**. ... Different encoding times for **video** and **audio** ...

Successful multiparty **audio** communication over the Internet- ucl.ac.uk [PS]

V Hardman, MA Sasse, I Kouvelas, 1998 - portal.acm.org

... The **operating system** may not sched- ule the **audio** tool at regular ... In most **applications**
of multicast conferencing to date, **audio**, **video**, and shared ...

[CITATION] **Operating System** Principles- ihk.dk [PDF]

A Silberschatz, PB Galvin, G Gagne, 2006 - Wiley India Pvt. Ltd.

[PDF] ... Protocol for **Audio** and **Video** Conferences and other Multiparticipant Real-Time **Applications**

H Schulzrinne - Internet Engineering Task Force, Internet-Draft, 1992 - Citeseer

... than the real clock and the **video** sampling clock, a **video** and **audio** frame belonging ...
a potential drift of 0.72 seconds per hour between two **applications**. ...

[PDF] The Virtual School: An **integrated** collaborative environment for the classroom

PL Isenhour, JM Carroll, DC Neale, MB ... - Educational Technology and Society, 2000 - Citeseer

... sharing in addition to **video** and **audio** conferencing ... As with **video** conferencing, students
may select one or more ... seeing a live snapshot of the **application** window ...

[PDF] Processor capacity reserves for multimedia operating systems

CW Mercer, S Savage, H Tokuda - Proceedings of the IEEE international Conference on ..., 1994 - Citeseer

... Computing one and a half **video** frames during each ... which generates and transmits two
audio packets during ... the timing constraints of the **application** and produces ...

[PDF] Adaptive, best-effort delivery of digital **audio** and **video** across packet-switched networks

K Jeffay, DL Stone, T Talley, FD Smith - Lecture Notes in Computer Science, 1993 - Citeseer

... 5 The **application** controlling the **audio** and **video** generation processes invoke an ...
queue at the sender that contains compressed **audio** and **video** frames that ...

Service models and pricing policies for an **integrated** services Internet- kfupm.edu.sa [PDF]

S Shenker - Public access to the Internet, 1995 - books.google.com
... would most likely assign the charge to aVCI (virtual circuit identifier) and the
operating system would be ... Current **video** and **audio applications** on circuit ...
Cited by 80 - Related articles - All 4 versions

[PDF] Streaming **video** over the internet: Approaches and directions

D Wu, YT Hou, W Zhu, YQ Zhang, JM Peha - IEEE transactions on circuits and systems for **video** ..., 2001 - Citeseer
... With media synchronization mechanisms, the **application** at the ... a speaker's lips match
the played-out **audio**. ... Section II discusses **video** compression tech- niques. ...
Cited by 471 - Related articles - View as HTML - BL Direct - All 42 versions

Advances in interactive digital multimedia systems

EA Fox... - IEEE Computer, 1991 - doi.ieeecomputersociety.org
... Compression methods Clearly, compression is essential if **audio**, images, and
video are to be used in digital multimedia **applications**. ...
Cited by 154 - Related articles - All 7 versions

[DOC] Design and Implementation of DV based **video** over RTP

A Ogawa, K Kobayashi, K Sugiura, O ... - Packet **Video** Workshop, 2000 - wide.ad.jp
... use of bundled DV **video** and **audio** stream is ... We implemented IP based DV **video**
transmission system called ... 7], and DV/RTP stream sender and receiver **application**. ...
Cited by 72 - Related articles - View as HTML - All 2 versions

Operating system support for the Desk Area Network

DR McAuley - Lecture Notes in Computer Science, 1994 - Springer
... be programmed for a variety of **audio** and **video** ... using the obvious circular buffer
of **video** frames the ... behaviour needs to be defined for **applications** which try ...
Cited by 16 - Related articles - BL Direct - All 4 versions

[PDF] VINO: An **integrated** platform for **operating system** and database research

C Small, M Seltzer, 2004 - Citeseer
... Support of synchronized **audio** and **video** streams wouldentailthe ... of a graft can be
divided into two parts: its behavior relative to the **application**, and its ...
Cited by 42 - Related articles - View as HTML - All 8 versions

vic: A flexible framework for packet **video**- psu.edu [PDF]

S McCanne - Proceedings of the third ACM international conference ..., 1995 - portal.acm.org
... be dropped by the **operating system** due to ... Internet Engineering Task Force,
Audio-Video Transport Working ... for light-weight sessions and **application** level framing ...
Cited by 614 - Related articles - All 36 versions

Operating system support for a **video**-on-demand file service- psu.edu [PDF]

KK Ramakrishnan, L Vaitzblit, C Gray, U ... - Multimedia Systems, 1995 - Springer
... of a **video**-file server suitable for a **video**-on-demand **application**. ... interleaved **audio**
and **video**, as opposed to having related **audio** and **video** data stored in ...
Cited by 99 - Related articles - BL Direct - All 10 versions

StarWorks™-A **Video Applications** Server

FA Tobagi, J Pang - Multimedia computing: preparing for the 21st century, 1994 - books.google.com
... **video**, the client must have **audio/video** hardware and ... etc.) / 1API Interact StarWorks
video se» Ices Local ... 94 Tobogi/Pang/Baker **Application** Digital **video** caatv ...
Cited by 40 - Related articles - All 3 versions

[PDF] Dynamic power management for embedded systems

B Brock, K Rajamani - Proceedings of the IEEE SOC Conference, 2003 - researchweb.watson.ibm.com
... of the processing requirements of each **video** frame (including **audio** decoding overhead),
and ... K. Langendoen, and H. Sips, "**Application**-directed voltage ...
Cited by 56 - Related articles - View as HTML - All 9 versions

A continuous media I/O server and its synchronization mechanism

DP Anderson, G Homsy - IEEE Computer, 1991 - doi.ieeecomputersociety.org
... a conversation with user B. The **application** programs (document ... users hold an **audio**
or **audio/video** conversation with ... This facility could be **integrated** with group ...
Cited by 217 - Related articles - All 3 versions

[PDF] The VOX **audio** server

B Arons, C Binding, K Lantz, C Schmandt - Multimedia'89: 2nd IEEE COMSOC International ..., 1989 - Citeseer
... tool such as this can be **integrated** into other **applications** to provide ... issue as to
whether there should be **separate** media servers for **audio** and **video** or if ...
Cited by 35 - Related articles - View as HTML - All 6 versions

The touring machine system

M Arango, L Bahler, P Bates, M Cochinwala, D ..., 1993 - portal.acm.org
... physical network from the **application** developer and ... of all sup- ported media: **audio**,
video, and data. ... infrastructure also includes an **integrated** name server ...
Cited by 57 - Related articles - All 2 versions

[PDF] Access grid: Immersive group-to-group collaborative visualization

L Childers, T Disz, R Olson, ME Papka, R ... - Proc. 4th International Immersive Projection ..., 2000 - Citeseer
... 4 Network CAVE **Application** CAVEav Ambient **Audio** Ambient **Video** AccessGrid
Node supporting multiple **video**, and **audio** streams Figure ...
Cited by 146 - Related articles - View as HTML - All 11 versions

Policies for dynamic clock scheduling- psu.edu [PDF]

D Grunwald, P Levis, CB Morrey III, M Neufeld ... - usenix.org
... text reading) and other less obvious **applications** (chess, mpeg **video** and **audio**).
The **applications** ran either directly on top of the Linux **operating system** ...
Cited by 220 - Related articles - View as HTML - All 33 versions

[PDF] Symphony: An **integrated** multimedia file system

PJ Shenoy, P Goyal, SS Rao, HM Vin - Proceedings of the SPIE/ACM Conference on ..., 1998 - Citeseer
... data accesses are aperiodic in nature, whereas **audio** and **video** (continuous media ...
and were optimized for supporting data processing **applications** such as ...
Cited by 117 - Related articles - View as HTML - All 14 versions

Laboratory for emulation and study of **integrated** and coordinated media communication

LF Ludwig, DF Dunn · Proceedings of the ACM workshop on Frontiers in ..., 1987 - portal.acm.org

... either visual (text, graphics, image, **video**) or **audio** (sounds, speech ... two or more people physically **separated** to use a given **application** interactively in ...

[PDF] A highly flexible virtual reality system

R Blach, J Landauer, A Rösch, A Simon · Future Generations in Computer Systems, 1998 - Citeseer

... output Today's VR-systems focus primarily on **video** and **audio** output channels. ... New devices emerge, specific **applications** need very specialized devices. ...

Resource kernels: A resource-centric approach to real-time and multimedia systems- psu.edu [PDF]

R Rajkumar, K Juvva, A Molano, S Oikawa · Readings in multimedia computing and networking, 2001 - books.google.com

... However, we believe that as multimedia **applications** on desktops ... users will come to expect smooth **video** frame changes, jitterless **audio**, and synchronized ...

End-to-end QoS guarantees in networked multimedia systems- psu.edu [PDF]

K Nahrstedt · ACM Computing Surveys (CSUR), 1995 - portal.acm.org

... which means that in the second subnet, **video** packets may ... ser- vices tailored to a specific medium or **application**; an example is the **audio** protocol uat ...

[PDF] Distributed extreme programming

M Kircher, P Jain, A Corsaro, D Levine · Proceedings of XP2001, 2001 - Citeseer

... was not possible using the NetMeeting **application** sharing functionality. ... dial-up, hindered the use of **video** because of jitter introduced in **audio** along with ...

Towards an **integrated** information environment with open hypermedia systems- psu.edu [PDF]

H Davis, W Hall, I Heath, G Hill, R Wilkins · Proceedings of the ACM conference on Hypertext, 1993 - portal.acm.org

... to continue to be confined to **applications** where the ... the user as a facility of the **operating system** that is ... An adaptable environment for the **integration** of data ...

[PDF] Adaptation in distributed multimedia systems

J Gecsei · IEEE Multimedia Magazine, 1997 - Citeseer

... system and the user; the adapting entity is usually the **application**. ... project [10] is investigating the possibility of delivering **audio** and **video** through WWW ...

QoS-aware resource management for distributed multimedia **applications**^{1}- psu.edu [PDF]

K Nahrstedt, H Chu, S Narayan · Journal of High Speed Networks, 1998 - IOS Press

... with a minimal jitter for meaningful **audio** and **video** ... user/**application** might specify that a **video** with a ... each layer of the end-system (**application**, system, and ...

... object computing middleware for developing next-generation distributed **application**- psu.edu [PDF]

Y Krishnamurthy, V Kachroo, DA Karr, C ... - ACM SIGPLAN Notices, 2001 - portal.acm.org

... **Application** media types, such as **audio** and **video**. Depend- ing on the
media type, different performance criteria may apply. ...

Cited by 34 - Related articles - BL Direct - All 15 versions

Metascheduling for continuous media- psu.edu [PDF]

DP Anderson - ACM Transactions on Computer Systems (TOCS), 1993 - portal.acm.org

... 1. INTRODUCTION We call **audio** and **video** continuous media (CM) because they are
perceived as changing continuously over time. ... **application** .<..+ CM 1/0 ...

Cited by 220 - Related articles - BL Direct - All 24 versions

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[CITATION] Multimedia synchronization techniques: experiences based on different system structures

R Steinmetz, T Meyer - ACM SIGCOMM Computer Communication Review, 1992 - portal.acm.org

... **audio** and **video**) were routed ... Between the issuing of a "start" command by a workstation
application until the commencement of physical delivery of a **video** ...

Cited by 34 - Related articles - All 2 versions

The Raw microprocessor: A computational fabric for software circuits and general-purpose ...

MB Taylor, J Kim, J Miller, D Wentzlaff, F ... - IEEE micro, 2002 - doi.ieeecomputersociety.org

... with include gigabit routers, **video** and **audio** processing, filters ... **Video** data is streamed
in over the pins ... For these **applications** (and for the **operating system** ...

Cited by 453 - Related articles - BL Direct - All 6 versions

[PDF] MONET: A multimedia system for conferencing and **application** sharing in distributed ...

K Srinivas, R Reddy, A Babadi, S Kamana, V ... - ... Center, West Virginia University, Morgantown, WV, 1992 - cerc.
wvu.edu

... **video** stream ... the **operating system** support needed for building **integrated applications**
such as ... **Audio** signals also provide real-time delivery constraints which ...

Cited by 31 - Related articles - View as HTML

[PDF] Network support for multimedia

D Ferrari, A Banerjea, H Zhang, CA Berkeley - Computer Networks and ISDN Systems, 1994 - Citeseer

... MediaTrans- port Protocol (CMTP) WM91], which oers a stream-based interface and
a time-drivenmechanism for **applications** like **video** and **audio**. ...

Cited by 261 - Related articles - View as HTML - All 28 versions

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[PDF] Dynamic **integrated** scheduling of hard real-time, soft real-time and non-real-time processes

SA Brandt, S Banachowski, C Lin, T Bisson - Proceedings of the 24th IEEE Real-Time Systems ..., 2003 - Citeseer

... and independently manag- ing these two quantities that enables the **integrated** schedul-
ing of ... For example, in an **audio** player **application** this is a ...

Cited by 88 - Related articles - View as HTML - All 24 versions

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[PDF] Transport and display mechanisms for multimedia conferencing across packet-switched ...

K Jeffay, DL Stone, FD Smith - Computer networks and ISDN systems, 1994 - Citeseer

... sufficient real-time support from the **operating system**) so that ... on the sender and
with the user **application** ... time transport and display of **audio**/**video** data are ...

Cited by 80 - Related articles - View as HTML - All 10 versions

[PDF] Prospects for interactive **video**-on-demand

TDC Little, D Venkatesh - IEEE multimedia, 1994 - Citeseer

... and **Applications**," SMPTE Journal, September, 1993, pp. ... Workshop on Network and **Operating System** Support for Digital **Audio** and **Video**, San Diego, November 1992 ...

[PDF] The structure of a multi-service **operating system**

T Roscoe, 1995 - Citeseer

... on to process continuous media such as **video** and **audio** streams in ... in behaviour under load which is often unacceptable for time- sensitive **applications**. ...

[PDF] Developing next-generation distributed **applications** with QoS enabled DPE middleware

DC Schmidt, V Kachroo, Y Krishnamurthy, F ... - IEEE Communications magazine, 2000 - Citeseer

... of adaptation might involve moving from full-motion **video** over high-speed links to **audio** and still ... process address space and notifies an **application** of QoS ...

[PDF] Development of Columbia's **video** on demand testbed

SF Chang, A Eleftheriadis, D Anastassiou - Signal Processing-Image Communication, 1996 - Citeseer

... the close interaction of research undertaking and **application** development, we ... Network and **Operating System** Support for Digital **Audio** and **Video**, '95, Durham ...

[PDF] Designing an on-demand multimedia service

PV Rangan, HM Vin, S Ramanathan - IEEE Communications Magazine, 1992 - Citeseer

... Protocols for synchronous multimediaretrieval over **integrated** networks, in the face of non ... A media unit represents a framefor **video**, and a sample for **audio**. ...

Flexible communication support for CSCW **applications**- inesc-id.pt [PDF]

H Miranda, L Rodrigues - 5th Internam Workshop on Groupware-CRIWG'99, 1999 - doi.ieeecomputersociety.org

... Note that **audio** and **video** channels share sessions of the **APPLICATION** ... Page 5. ii) The protocol stack is executed in the address space of the **application**. ...

Architecture, design, and development of an HTML/Javascript web-based group support ...

NC Romano Jr, JF Nunamaker Jr, RO Briggs, ... - Journal of the American Society for Information Science, 1998 - papers.ssrn.com

... that reside within a Web browser. Documents can also consist of graphics, **video**, and **audio**. ... In a client **application**, JavaScript statements em- ...

Situated information spaces and spatially aware palmtop computers

GW Fitzmaurice, 1993 - portal.acm.org

... to handle all forms of data including text, graphics, **video**, and **audio**. ... Some **applications** of ubiquitous devices are active badges [14], which are small ...

Video server on an ATM connected cluster of workstations- psu.edu [PDF]

O Sandsta, S Langorgen, R Midtstraum · International Conference of the Chilean Computer ..., 1997 · doi.
ieeecomputersociety.org
... Multiple formats Different **applications** have differ- ent requirements to the format
of ... and delivery of Motion JPEG and MPEG-1 compressed **video** and **audio**. ...
Cited by 27 - Related articles - All 13 versions

The multimedia multicast channel- psu.edu [PDF]

JC Pasquale, GC Polyzos, EW Anderson, VP ... · Internetworking-Research and Experience, 1994 · Springer
... **Operating System** Support for Digital **Audio** and **Video** ... Karlsson and M. Vetterli, Packet
Video and its ... and Operating Systems Support for Multimedia **Applications**. ...
Cited by 78 - Related articles - BL Direct - All 27 versions

[PDF] Integrating Access and Collaboration for Multimedia **Applications**

G Teege, M Koch · Proceedings of International Conference on Multimedia ... · Citeseer
... An Introduction to HeiMAT: The Heidelberg Multimedia **Application** Toolkit, in P ... Network
and **Operating System** Support for Digital **Audio** and **Video**, number 712 ...
Cited by 12 - Related articles - View as HTML - All 5 versions

[PDF] An **integrated** real-time system for immersive **audio applications**

H Teutsch, S Spors, W Herbordt, W ... · ... on Applications of Signal Processing to Audio and ..., 2003 · Citeseer
... could also be captured by a **video** camera and ... **operating system** using the JACK [11]
audio inter- face ... could be utilized, eg, in broadcast **applications** and tele ...
Cited by 18 - Related articles - View as HTML - All 14 versions

[PDF] Touring Machine: a software platform for distributed multimedia **applications**

M Arango, P Bates, R Fish, G Gopal, N ... · ... Upper Layer Protocols, Architectures and Applications, 1992 - Citeseer
... Rendezvous: An Architecture for Synchronous Multi-User **Applications**," Proc. ... Network
and Operating Support for Digital **Audio** and **Video**, Heidelberg, Germany ...
Cited by 22 - Related articles - View as HTML - All 6 versions

Awareness driven **video** quality of service in collaborative virtual environments- psu.edu [PDF]

G Reynard, S Benford, C Greenhalgh, C ... · Proceedings of the SIGCHI conference on Human ..., 1998 - portal.acm.
org
... service - a high frame-rate **video** view of ... this **audio** is controlled through a **separate**
audio aura, focus ... not even logged on to the **application**, the embodiment ...
Cited by 51 - Related articles - BL Direct - All 11 versions

[PDF] JVTOS-A Reference Model for a New Multimedia Service

G Dermler, K Froitzheim · Proceedings, 4th IFIP Conference on High Performance ... · Citeseer
... In both cases interaction between users and **applications** is usually restricted to
the exchange of ... In those cases where **audio** and **video** are incorporated as ...
Cited by 39 - Related articles - View as HTML - All 7 versions

[PDF] SHASTRA - An Architecture for Development of Collaborative **Applications**

V Anupam, CL Bajaj · Int. J. Cooperative Inf. Syst., 1994 · Citeseer
... oriented towards structured 3D graphics, and is typically **application** specific ... of
facilities for text, 2D and 3D graphics, **audio** and **video** communication has ...
Cited by 48 - Related articles - View as HTML - All 15 versions

Operating system support for multimedia systems- psu.edu [PDF]

T Plagemann, V Goebel, P Halvorsen, O ... - Computer communications, 2000 - Elsevier

... give a more general characterization of multimedia **application** requirements ... out of
three main parts: electronic whiteboards, **audio** system, and **video** system ...

Cited by 47 - Related articles - All 21 versions

A rate-based execution abstraction for multimedia computing- psu.edu [PDF]

K Jeffay, D Bennett - parameters - Springer

... Processor Capacity Reserves: **Operating System** Support for Multimedia **Applications**,
Mercer, CW ... [4] Kernel Support for Live Digital **Audio** and **Video**, K. Jeffay ...

Cited by 95 - Related articles - BL Direct - All 20 versions

[PDF] Creating a third generation I/O interconnect

AV Bhatt - Available in http://www. intel. com/technology/ .... 2008 - all-electronics.de

... **Applications** such as **video**-on-demand and **audio** re-distribution ... a flat address space)
is maintained to ensure that all existing **applications** and drivers ...

Cited by 34 - Related articles - View as HTML - All 61 versions

DAVE: A plug and play model for distributed multimedia **application** development

R Mines, J Friesen, C Yang - Proceedings of the second ACM international ..., 1994 - portal.acm.org

... code sample for thedeveloprnent of ... a peer-to- peer orgmization
is a multicast **video application**. ... it is up to the **application** programmer to ...

Cited by 34 - Related articles - All 4 versions

[PDF] CORBA: **Integrating** diverse **applications** within distributed heterogeneous environments

S Vinoski... - IEEE Communications Magazine, 1997 - Citeseer

... few help deal with the **integration** of separately ... s) it was written in, nor the **operating
system** (if any ... These ORB features allow **application** developers to worry ...

Cited by 664 - Related articles - View as HTML - BL Direct - All 112 versions

Storage system architectures for continuous media data- psu.edu [PDF]

D Maier, J Walpole, R Staehli - Lecture Notes in Computer Science, 1993 - Springer

... CMFS [1] supports multi- ple concurrent real-time **audio** and **video** sessions by ... For
applications and data types with simple periodic access patterns and ...

Cited by 31 - Related articles - BL Direct - All 14 versions

[CITATION] **Operating system** support for continuous media **applications**

H Tokuda - Multimedia Systems, 1/e - Pearson Education

Cited by 15 - Related articles - All 3 versions

[PDF] Constructing a distributed multimedia joint viewing and tele-operation service for ...

G Dermler, T Gutekunst, B Plattner, E ... - Proc. Fourth Workshop on Future Trends of ... - Citeseer

... basic multimedia func- tionalities: • **Audio** and **video** stream handlers ... sion, and mixing
of multiple **audio** data streams. ... **Application** Programming Interface (API ...

Cited by 32 - Related articles - View as HTML - All 12 versions

Montage: Providing teleproximity for distributed groups- usyd.edu.au [PDF]

JC Tang, M Rua - Proceedings of the SIGCHI conference on Human ..., 1994 - portal.acm.org
... reduces a 128 x 120 pixel **video** image at ... is transmit- ted via the 8 KHz **audio** capability
included ... It com- municates with other Montage **applications** through the ...
Cited by 151 - Related articles - BL Direct - All 8 versions

Agile **application**-aware adaptation for mobility- psu.edu [PDF]

BD Noble, M Satyanarayanan, D Narayanan, JE ... - ACM SIGOPS Operating Systems Review, 1997 - portal.acm.org
... with the philosophy of modem **operating system** designs such ... of mobile information
access: a **video** player whose ... The third **application**, a speech recognizer, was ...
Cited by 747 - Related articles - BL Direct - All 49 versions

Vehicle computer system

RD Beckert, MM Moeller, W Wong - US Patent 5,794,164, 1998 - Google Patents
... to fte support module ^e DSp 80 uses the appointment/schedule **applications**. ... playing
muskal or yideo CDs and ^ multimedia **audio** games, **video** movies, and ...
Cited by 42 - Related articles - All 7 versions

[PDF] A network interface unit to support continuous media

G Blair, A Campbell, G Coulson, F Garcia, D ... - IEEE Journal on selected areas in Communications, 1993 - Citeseer
... The remaining two disks store **video** and **audio** data files ... **Applications** view the
functionality offered by the MNI unit as a well defined set of services ...
Cited by 32 - Related articles - View as HTML - BL Direct - All 7 versions

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